

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claim 1 (Currently Amended): A disk apparatus for setting to a counter a count value corresponding to the number of tracks to jump over, subtracting the count value each time a rising or trailing edge is detected in a tracking zero-cross signal, and applying brake to finish jump when the count value reaches 0, comprising:

a direction determiner for determining in which one a pickup is to move in an outward direction or in an inward direction of a disk;

a level determiner ~~determining means~~ for determining a level of the tracking zero-cross signal; and

an incrementer ~~adding means~~ for incrementing the count value of said counter depending upon the moving direction and the level.

Claim 2 (Currently Amended): A disk apparatus according to claim 1, further including a track determiner ~~determining means~~ to determine to which one jump is to be made of a land or a groove.

Claim 3 (Canceled).

Claim 4 (Currently Amended): A disk apparatus according to claim 2 ~~1~~, wherein, where said a pickup is moving in the an outward direction of said a disk, said incrementer adding means increments the count value when the a and is determined and the level is in a low level, and increments the count value when the a groove is determined and the level is in a high level.

Claim 5 (Currently Amended): A disk apparatus according to claim 2 [4], wherein, where said a pickup is moving in the an inward direction of the a disk, said incrementer adding means increments the count value when the a land is determined and the level is in a high level, and increments the count value when the a groove is determined and the level is in a low level.

Claim 6 (Currently Amended): A disk apparatus according to claim 1, wherein said level determiner determining means determines the level when the count value reaches a predetermined value.

Claim 7 (Currently Amended): A disk apparatus according to claim 1, wherein said level determiner determining means determines the level prior to setting the count value and starting jump.
